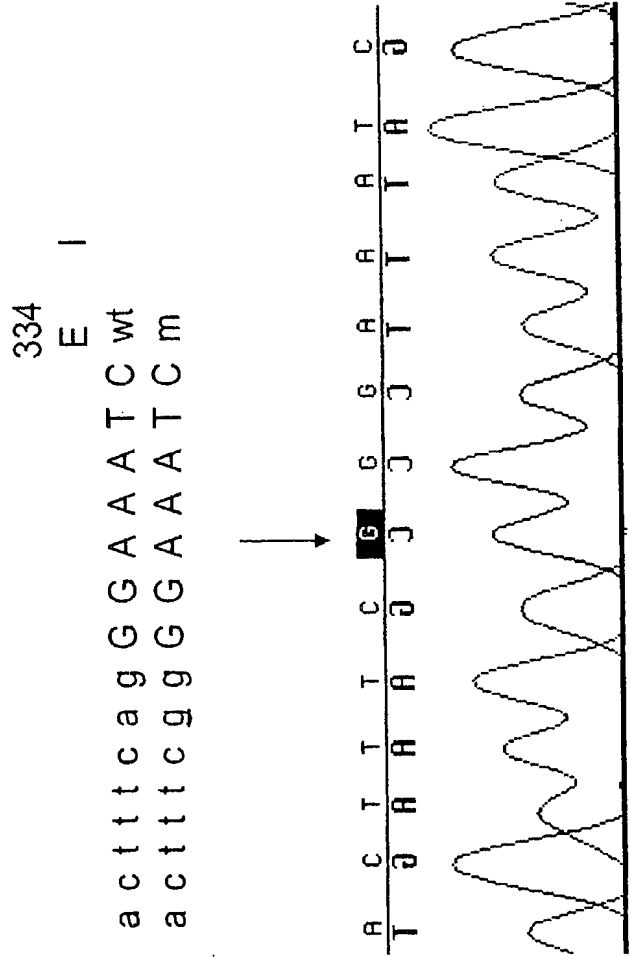
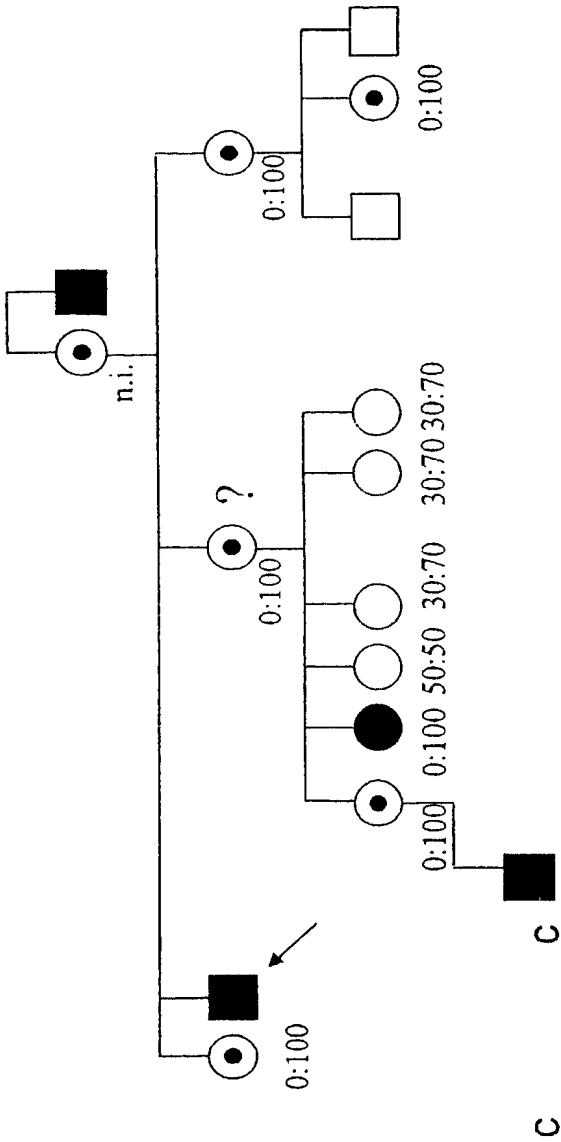


a)



b)

Fig. 1



a)

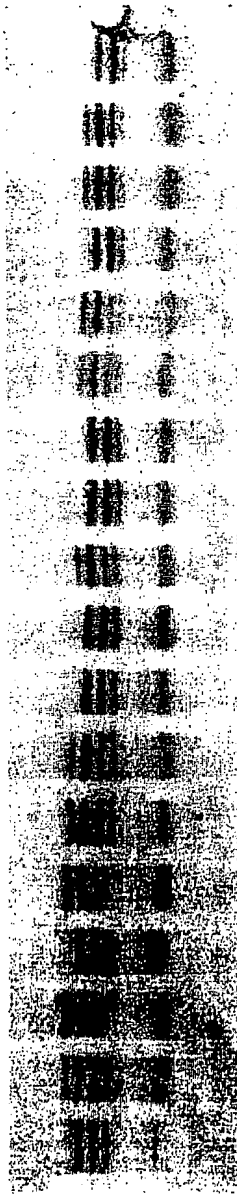
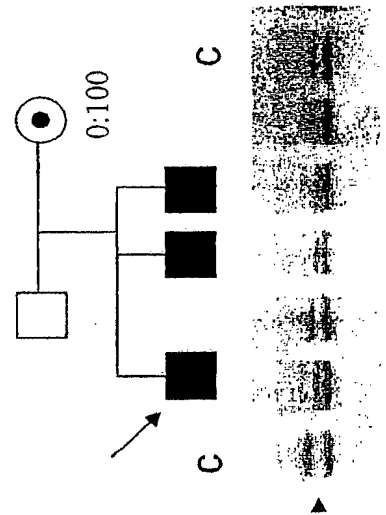


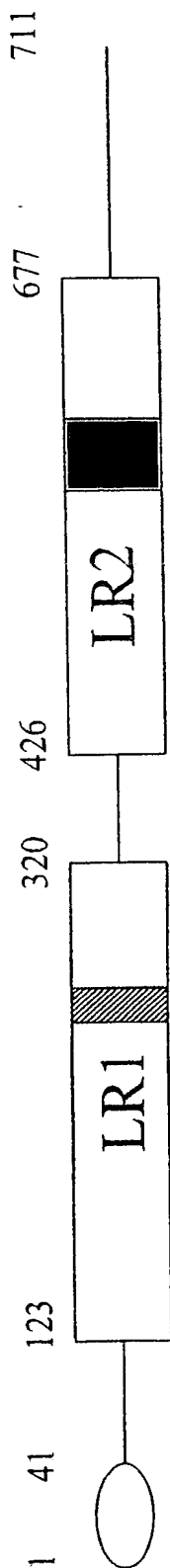
Fig. 2



b)

Fig. 3

a



b

*FAC4* normal 546 NGQRWFCTGDIGEFHPDGLQIIDRKK 572

*FAC4* mutant 546 NGQRWFCTGDIGEFHPDGLQIIDRKK 572

FACS consensus 1 DG - - W L H T G D I G X W X P X G X L K I I D R K K 25

a) cryptic site  
 actgtccattcctttgagattattgaatatattgtaactttcagG Ex 11

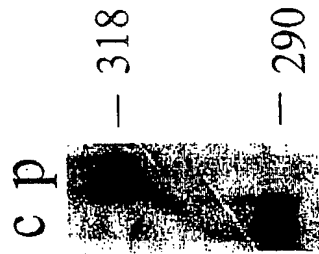


Fig. 4

normal Ex 10 Ex 11  
 A V P E I M

mutant Ex 10 att att gaa tat ttt gtt taa ctt tca g Ex 11  
 A V P I I E Y F V X

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a)

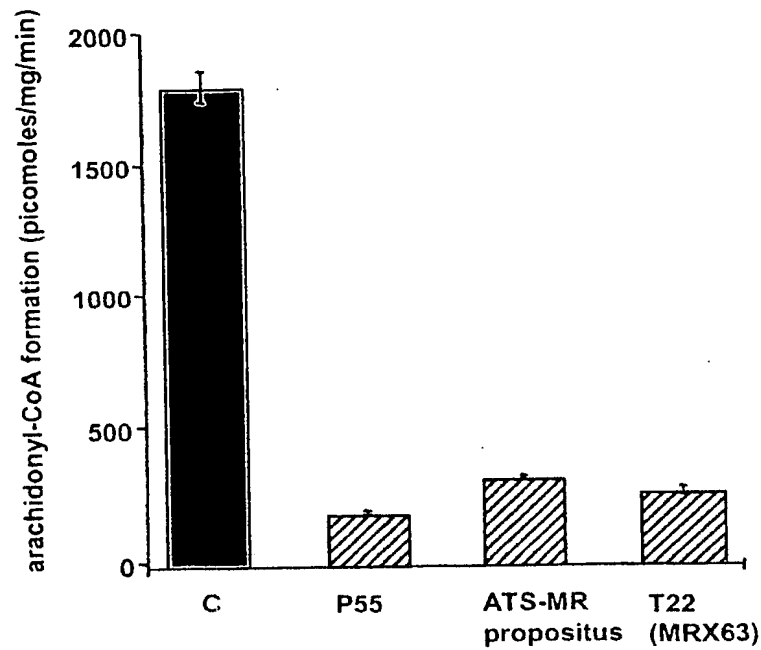
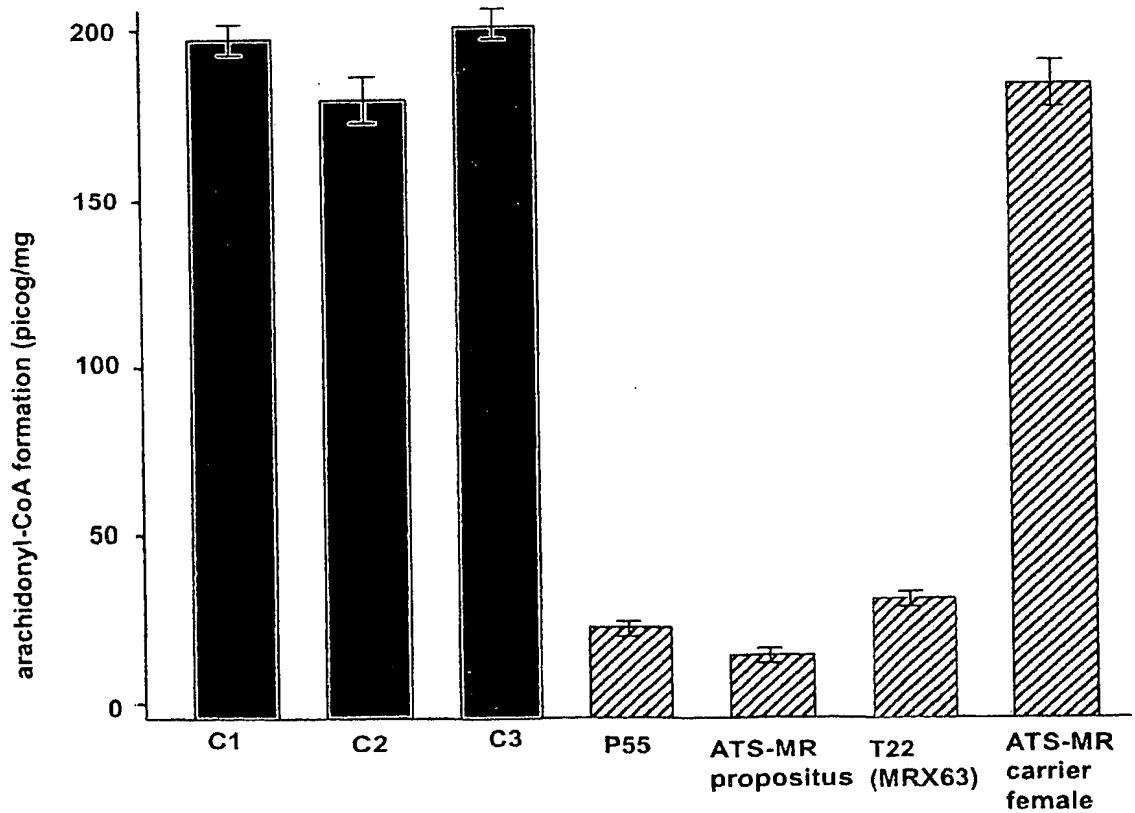


Fig. 5

b)



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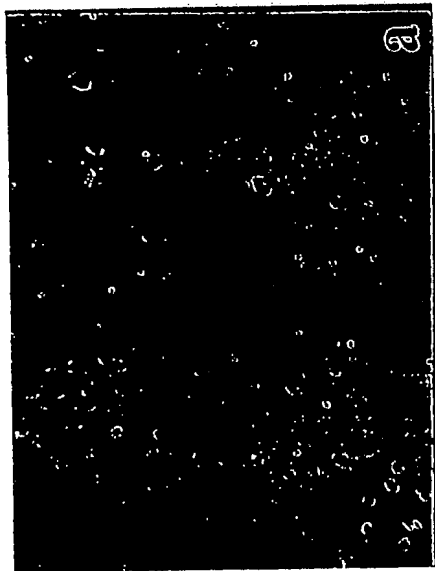
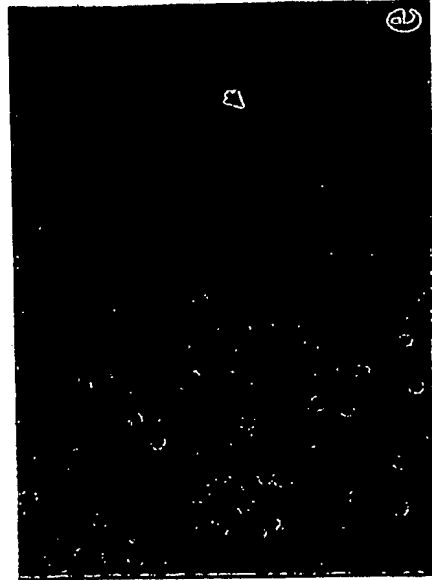
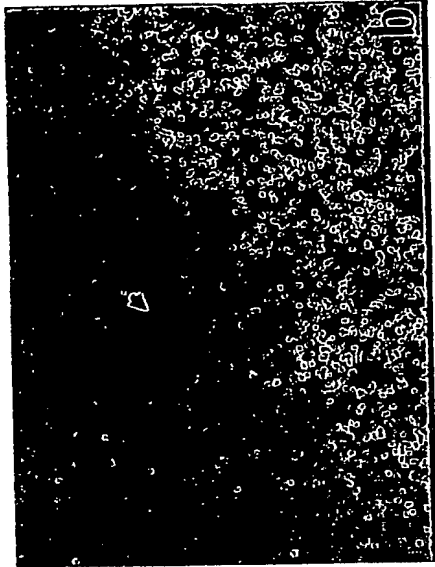


Fig. 6

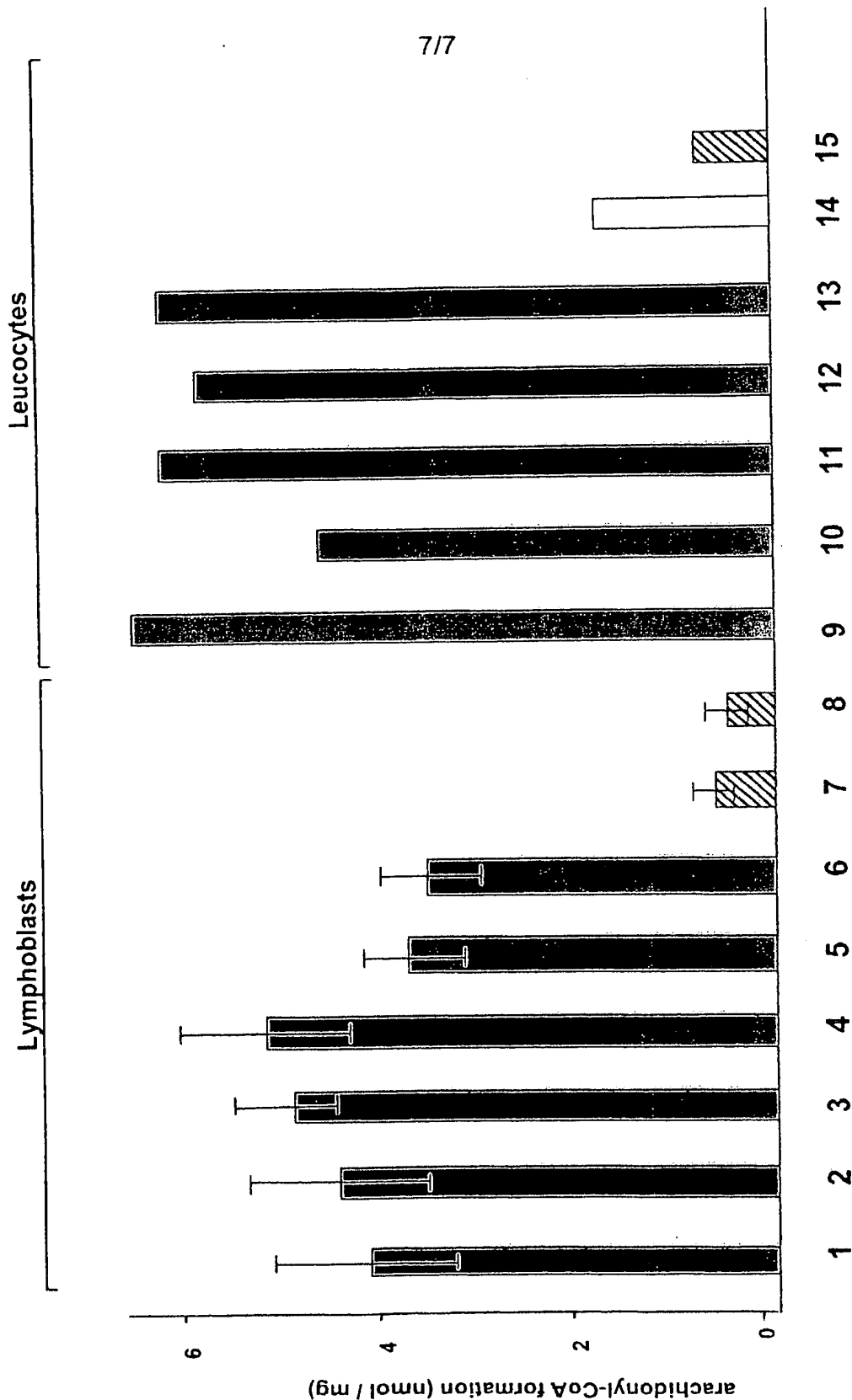


Fig. 7